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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/575,161	05/23/2000	Paul Lapstun	NPX016US	9177

24011   7590   06/10/2003

SILVERBROOK RESEARCH PTY LTD
393 DARLING STREET
BALMAIN, 2041
AUSTRALIA

EXAMINER
ABDULSELAM, ABBAS I

ART UNIT	PAPER NUMBER
2674	

DATE MAILED: 06/10/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 07-01)

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _03 March 2003_ .

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-128_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-128_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11)☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

    If approved, corrected drawings are required in reply to this Office action.

12)☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

        1.☐ Certified copies of the priority documents have been received.

        2.☐ Certified copies of the priority documents have been received in Application No. _____ .

        3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

14)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

    a) ☐ The translation of the foreign language provisional application has been received.

15)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .
4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: .

DETAILED ACTION

Claim Rejections - 35 USC § 103

1.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in
> section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are
> such that the subject matter as a whole would have been obvious at the time the invention was made to a person
> having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the
> manner in which the invention was made.

Claims 1-128 are rejected under 35 U.S.C. 103(a) as being unpatentable over ward et al.

(USPN 5491495) in view of Lawton et al. (USPN 5832100).

Regarding claims 1-2, 53-54 and 109-110, Ward teaches a computer system with which a

user interacts by use of a writing stylus or other pointing device. Ward teaches a notebook

computer (10) including digitizing tablet and display (12), stylus (14), and part of tablet area

(16a, 16b, 16c, 16d) which is responsive to stylus touch. See col. 4, lines 16-29 and Fig 1. In

addition, Ward teaches an interface (36), ink plane buffer (42), mask plane buffer (44), and

interface processor (32) with its associated software. Ward also teaches program code

initialization diagnostics and data transfer in connection with a software downloaded into

interface memory. See col. 5, lines 49-56, col. 4, lines 47-56 and Fig. 2. Furthermore, Ward

teaches a multi-code sequence and its corresponding software in connection with a movement of

data. See col. 19, lines 33-37. Ward teaches a recognition algorithm, which recognizes data

including description of strokes, their position within the character box, and identification of the

character set. See col. 19, lines 55-62. Moreover, Ward teaches software running as a simulated

device program (220), which processes data from the tablet (12b) and generates data in the form

of keystrokes. See Fig 11 and col. 30, lines 26-44. However, Ward does not teach computer

software with coded data; and identification of the user. On the other hand Lawton teaches

application software that (16) validating and transforming coded data (14) extracted from

message text (18) to a registered user. See Fig 1.

Therefore, it would have been obvious to one skilled in the art at the time the invention

was made to modify Ward's computer system with a user interface to include Lawton's

application software (16) including the coded data (14). One would have been motivated in view

of the suggestion in Lawton that the application software as configured in Fig 1 equivalently

provides the desired coded data indicative the of the identity of an interface surface. The use of

an application software helps function Lawton's data transformation system as a taught by

Lawton.

Regarding claims 5, 57-59 and 113-114, Ward teaches a movement of the stylus while

touching the tablet within the motion area and a result generating a movement of data.

Regarding claims 7-8, 23, 61-62, 77 and 115-118, Ward teaches application programs

suited for stylus base input.

Regarding claims 35-36, 38, 50-51, 89-90 and 104-105, see Ward's Fig 1.

Regarding claims 9-12, 15-16, 21, 24, 31, 38-49, 63, 69-70, 74-75, 78, 92-103, 111, 119-

120, 121 and 126-128, Ward teaches multi code sequence as well as a low level software, a part

of an interface processor. Ward teaches transporting of data as keystroke data, mouse data, or

tablet data depending on the identification of the data.

Regarding claims 27, 34, 37, 88 and 91, Ward teaches stylus position in terms of

conversion from absolute motion to relative motion.

Regarding claims, 13-14, 17-18, 64-65, 71-73, 76, 82 and 125, Ward teaches the result

recognition process which can be displayed in the area where the characters are.

Regarding claims 6, 22, 30, 60, 67, 84-85, 106 and 123-124, Ward teaches about a

service in terms of various speeds of the interface processor, and also teaches "PROX" which is

used to identify the stylus within the range of tablet.

Regarding claims 25-26, 29, 32, 79-81, 83 and 86, Ward teaches movement of the stylus

with respect to tablet & motion areas. Ward also teaches digitizing tablet area with respect to (X,

Y) locations and cumulative moving of data as a single one-inch movement. In addition, Ward

teaches the computation of distance with respect to timing.

Regarding claims 19, 66, 68 and 122, Ward teaches and writing recognition input device

handling multiple lines.

Regarding claims 3-4, 33, 52, 55-56, 87, 106-108 and 112, Lawton teaches processing

steps in a system (10) including images (12) provided by registered user (11) and the coded data

(14) processed by the application software. See col.7 lines 1-15 and Fig 1.

Conclusion

2.   The prior art made of record and not relied upon is considered to applicant's disclosure.

The following arts are cited for further reference.

U.S. Pat. No. 6,292,181 to Banerjee et al.

U.S. Pat. No. 6,335,727 to Morishita et al.

3. Any inquiry concerning this communication or earlier communication from the examiner should be directed to **Abbas Abdulselam** whose telephone number is **(703) 305-8591.** The examiner can normally be reached on Monday through Friday (9:00-5:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Richard Hjerpe**, can be reached at **(703) 305-4709.**

Any response to this action should be mailed to:
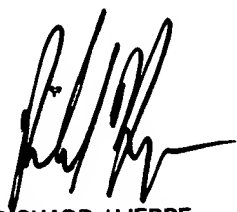
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or faxed to:

(703) 872-9314

Hand delivered responses should be brought to Crystal Park II, Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology center 2600 customer Service office whose telephone number is (703) 306-0377.

Abbas Abdulselam

Examiner

Art Unit 2674

RICHARD HJERPE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600